

- 13 -

Application No. 10/801,542  
Docket No. 74075-2717**REMARKS**

The above amendment with the following remarks is submitted to be fully responsive to the Office Action of August 27, 2007. Reconsideration of this application in light of the amendment and the allowance of this application are respectfully requested.

Claims 1-16 were pending in the present application prior to the above amendment. In response to the Office Action, claims 1, 4, 7, 10, 13, 14, and 15 are amended. Claims 17-48 are added. The features of these new claims appear in Figure 2A and, the claims are supported by the specification (e.g., paragraphs 0037, 0039, and 0040, and Embodiment 1). Therefore, claims 1-48 are now pending in the present application and are believed to be in proper condition for allowance.

Referring now to the Office Action, claims 1, 4, 7, 10-16 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Nakamura ET al. (U.S. 6,670,773). Claims 2, 5, 8, are rejected under 35 U.S.C. 103(a) as being unpatentable over Nakamura as applied to claims 2, 4, 7 above, and further in view of Sivan (U.S. 5,229,310). Claims 3, 6, 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nakamura as applied to claims 2, 4, 7, above, and further in view of Gosain et al. (U.S. 5,953,595). Applicants respectfully traverse.

As amended, independent claims 1, 4, 7, 10, 13, 14, and 15 recite "wherein a channel of the thin film transistor orients in a plurality of directions". This feature is supported in the specification in paragraph 0037.

Nakamura is directed to a display with a light-emitting element controlled by a TFT and a switched current source (see Abstract). However, Nakamura does not describe the TFT in detail and does not describe the channel of the TFT or its orientation. Thus, Nakamura does not teach, describe or suggest all of the elements of amended independent claims 1, 4, 7, 10, 13, 14, and 15. Accordingly, because Nakamura does not render claims 1, 4, 7, 10, 13, 14, and 15 unpatentable, Applicants request the rejection be withdrawn. Because claims 11, 13, and 16 depend from independent claim 15, Applicants request the rejection of these claims be withdrawn as well.

- 14 -

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Sivan is directed to a vertically oriented TFT in a semi-conductor device (see Abstract). Thus, Sivan does not cure the deficiencies of Nakamura and does not describe the channel of the TFT oriented in a plurality of directions.

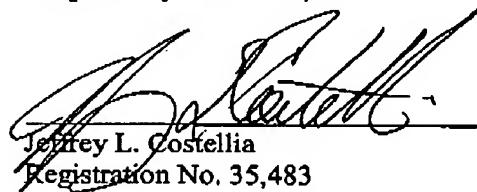
Gosain is directed to a manufacturing process of a TFT, forming a channel in a typical manner (see Abstract). Gosain does not cure the deficiencies of Nakamura and does not describe a channel oriented in a plurality of directions.

Because neither Nakamura, Sivan, nor Gosain teach, disclose or suggest all of the elements of amended independent claims 1, 4, 7, 10, 13, 14, and 15, Applicants respectfully submit that Nakamura, Sivan, and Gosain do not render claims 1, 4, 7, 10, 13, 14, and 15 unpatentable. Because claims 2, 3, 5, 6, 8, and 9 depend from claims 1, 4, 7, 10, 13, 14, and 15, Applicants respectfully submit that these claims are allowable as well, and request the rejection of these claims be withdrawn.

### Conclusion

In view of the foregoing, it is submitted that the present application is in condition for allowance and a notice to that effect is respectfully requested. However, if any issue remains after considering this response, the Examiner is invited to call the undersigned to expedite the prosecution and work out any such issue by telephone.

Respectfully submitted,

  
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